

SYSTEM AND METHOD FOR GENERATING DECISION TREES

ABSTRACT OF THE DISCLOSURE

A decision tree clustering procedure is provided which employs a unified approach to extracting both the decision tree and (preferably fuzzy) clusters. The decision tree is built by subsequent clustering of single dimensions or features, and the choice of the winning separation is based on cluster validity. In one embodiment, the clustering employs a fuzzy c-means (FCM) model and the partition coefficient (PC) to determine the selected separations.